



1LG5

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REMOTE-CUTOFF PENTODE

GENERAL DATA

Electrical:

Filament, Coated:

Voltage 1.4 dc volts
Current 0.05 amp

Direct Interelectrode Capacitances:⁰

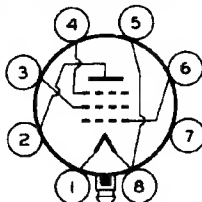
Grid No.1 to Plate. . . 0.007 max. μf
Input 3.2 μf
Output. 7.0 μf

⁰ With external shield connected to negative filament terminal.

Mechanical:

Mounting Position Any
Maximum Overall Length. 2-25/32"
Maximum Seated Length 2-1/4"
Maximum Diameter. 1-3/16"
Bulb. T-9
Base. Lock-in 8-Pin
Basing Designation for BOTTOM VIEW. 7A0

Pin 1-Filament(+)
Pin 2-Plate
Pin 3-Grid No.2
Pin 4-Grid No.3
Pin 5-Filament(-)
Internal
Shield



Pin 6-Grid No.1
Pin 7-No Con-
nection
Pin 8-Filament(-)
Internal
Shield
Plug - Base Shell

AMPLIFIER - Class A₁

Maximum Ratings, Design-Center Values:

PLATE VOLTAGE 110 max. volts
GRID-No.2 (SCREEN) VOLTAGE. 110 max. volts

Typical Operation and Characteristics:

Plate Voltage	90	90	volts
Grid No.3 (Suppressor).	{ Connected to negative fila- ment terminal at socket		
Grid-No.2 Voltage	45	90	volts
Grid-No.1 (Control-Grid) Voltage.	0	-1.5	volts
Plate Resistance (Approx.).	1.0	0.5	megohm
Transconductance.	800	1150	μmhos
Grid-No.1 Bias (Approx.) for transconductance of 10 μmhos	-10	-19	volts
Plate Current	1.7	3.7	ma
Grid-No.2 Current	0.4	0.9	ma

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TUBE DEPARTMENT
RADIO CORPORATION OF AMERICA, HARRISON, NEW JERSEY

DATA